

Amendments to the Specification:

In the Substitute Specification, at page 11, lines 21-23, spanning page 12, lines 1-4, please replace the paragraph as follows:

DETAILED DESCRIPTION OF THE INVENTION

The method according to the invention allows orienting each iteration of the construction of the realization chain in order to reach a desirable direction of search. The technique selected takes advantage of the information provided by the direction of descent defined by the gradients of the objective function J . The technique can be implemented by means of a numerical simulator of a type known to the man skilled in the art, such as the ATHOS or ECLIPSE simulators.